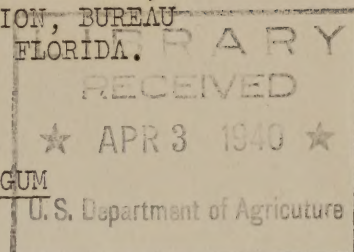


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TABLES OF AVERAGE YIELDS OF TURPENTINE AND ROSIN FROM CRUDE GUM,
SCRAPE, AND MIXTURES, AS FOUND BY NAVAL STORES STATION, BUREAU
OF AGRICULTURAL CHEMISTRY AND ENGINEERING, OLUSTEE, FLORIDA.

1936 - 1937 - 1938

AVERAGE YIELDS FOR 100 AND 435 POUNDS, NET, OF GUM



LONGLEAF

	<u>100 POUNDS</u>			<u>435 POUNDS</u>		
	Turps. Gals.	Rosin Lbs.	Waste (1) Lbs.	Turps. Gals.	Rosin Lbs.	Waste (1) Lbs.
Apr. 1 - June	2.78	68.8	11.2	12.1	299.3	48.7
July - Sept.	2.69	69.8	10.8	11.7	303.6	47.0
Oct. - Dec.	2.11	68.8	16.0	9.2	299.3	69.6

SLASH

April - June	2.68	67.8	12.9	11.7	294.9	50.9
July - Sept.	2.65	70.5	10.4	11.5	306.7	45.0
Oct. - Dec.	2.39	69.3	13.5	10.4	301.5	58.7

YEARLY AVERAGE

Longleaf	2.53	69.1	12.7	11.0	300.7	55.1
Slash	2.57	69.2	12.3	11.2	301.0	53.2

(1) Waste includes batting and rock dross, chips and water.

AVERAGE YIELDS FOR VARYING APPROXIMATED PERCENTAGES OF SCRAPE

25% Scrape	2.40	67.1	15.6	10.5	291.9	67.9
50% Scrape	2.36	68.6	14.4	10.3	298.4	62.6
75% Scrape	2.04	66.2	19.1	8.8	288.0	83.1
100% Scrape	1.85	68.3	18.4	7.5	297.1	80.0

AVERAGE YIELD OF 435 POUNDS, NET, BARREL OF GUM WITH
VARYING AMOUNT OF CHIPS

6 Pounds or less	12.2	304.5
6 Pounds to 10 Pounds	12.0	299.7
10 Pounds to 20 Pounds	11.9	282.3
Over 20 Pounds	11.8	280.4

